





Department of Computer Science & Information Technology,
School of Technology
Maulana Azad National Urdu University (A Central University)
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DR. FAREEHA RASHEED | Assistant Professor (C)

OBJECTIVE	To work by putting in all learned theories and practices towards the benefit of the society.
CURRENT RESPONSIBILITY	<ul style="list-style-type: none">• Working as an Assistant Professor in Dept. of Computer Science and Information Technology, Maulana Azad National Urdu University• Working on the Project “A Virtual Reality-Based Assistive System for Learning and Assessment of Persons with Intellectual Disabilities”, funded by the Ministry of Electronics and Information Technology as a Team Lead• Working towards beginning research in Educational Neuroscience
RESEARCH METRICS	No. of Citations: 257 H-Index: 4
RESEARCH AREA	<ul style="list-style-type: none">• E-learning, Educational Neuroscience• Machine Learning• Data Science
RESEARCH EXPERIENCE	<ul style="list-style-type: none">• Worked on a project “An Adaptive Assistive System for Children with Moderate Intellectual Disability” funded by the Ministry of Electronics and Information Technology as a Team Lead and helped achieve the deliverables before the stipulated timeline.
PREVIOUS EXPERIENCE	<ul style="list-style-type: none">▪ Experience as Assistant Professor: 3 year
EDUCATIONAL QUALIFICATIONS	<ul style="list-style-type: none">▪ DOCTOR OF PHILOSOPHY (Ph.D., COMPUTER SCIENCE), (AWARDED 13/7/21) Maulana Azad National Urdu University (A Central University) Title “Adaptive Sequence Generation for Learning and Assessment”▪ MASTER OF TECHNOLOGY (M.TECH, COMPUTER SCIENCE) (2014) Jawaharlal Nehru Technological University▪ BACHELOR OF TECHNOLOGY (B.TECH, INFORMATION TECHNOLOGY) (2012) Jawaharlal Nehru Technological University
TEACHING PROFICIENCY	<ul style="list-style-type: none">▪ Fundamentals of Information Technology▪ Object Oriented Analysis and Design▪ Artificial Intelligence

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- Operating Systems
 - Data Structures, Design Analysis and Algorithms
 - Ad-hoc Sensor Networks
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PUBLICATIONS

Journal Publications

International Journal-3, National Journal-1, International Conference-2

- Rasheed, F. and Wahid, A., “**An Unobtrusive approach to Emotion Detection in E-learning Systems**”, *The Computer Journal* (Published online on 18th April 2022) <https://doi.org/10.1093/comjnl/bxac044> (SCIE-indexed) (Impact Factor: 1.762)
- Rasheed, F. and Wahid, A., “**Learning Style Detection in E-learning Systems Using Machine Learning Techniques**”, *Expert Systems with Applications* Vol: 174, <https://doi.org/10.1016/j.eswa.2021.114774> (SCIE-indexed Journal) (Published) (Impact Factor: 8.665)
- Rasheed, F. and Wahid, A. (2019), “**Sequence generation for learning: a transformation from past to future**”, *International Journal of Information and Learning Technology*, Vol. 36 No. 5, pp. 434-452. <https://doi.org/10.1108/IJILT-01-2019-0014> (A Scopus-indexed and ESCI- Indexed journal) (published)
- Rasheed F., Wahid A. (2019), “**Learning Style Recognition: A Neural Network Approach**”. In: Bapi R., Rao K., Prasad M. (eds) *First International Conference on Artificial Intelligence and Cognitive Computing. Advances in Intelligent Systems and Computing*, vol 815. Springer, Singapore (Scopus-indexed conference proceedings) (published)
- Rasheed F., Wahid A. (2019) “**Emotion Detection Using Unobtrusive methods: An Integrated Approach**” in *2nd International Conference On Intelligent Computing, Instrumentation And Control Technologies*, July 2019 (Scopus-indexed conference proceedings)
- Rasheed F., Wahid A. (2019) “**Theory of Differentiated instruction and its applicability in E-Learning systems**” in *VSRD journal of VSRD International Journal of Technical and Non-Technical Research*, Vol.9 No. 9, pp. 193-202. (Earlier UGC listed)

Presentations in Conferences

- “**Advances in E-Learning: A review**” at the National Urdu Science Congress, MANUU, Hyderabad, 8-9 February 2018
- “**The Pragmatics of Emotion Detection: An E-Learning Perspective**” at the National Conference on Emerging Trends and Issues in Information Technology & Communication, MANUU, Hyderabad, 17-18 March 2018
- “**Nutrigenomics and Machine Learning-A Review**”, at the National Conference on Emerging Trends and Issues in Information Technology & Communication, MANUU, Hyderabad, 17-18 March 2018
- “**ChronHate-Chronological ordering of hate speeches: An Indian Context**” at the National Conference on Computational Methods, Data Science and Applications, MANUU, Hyderabad, 25-26 May 2021

Papers under Review

- “Learning Sequence Generation Systems: A Survey and Future Challenges” in *IEEE Transactions on Learning Technologies* (SCI-Indexed)
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	<ul style="list-style-type: none"> ▪ “A Knowledge Predictor and Adaptive Assessment Sequencer For E-Learning”, in Educational Technology, research & development (SCI Indexed) ▪ Evolutionary Approaches to Learning Path Sequencing: Experimental results, in Applied Mathematics and Computation, (SCIE Indexed) ▪ Adaptive Sequence Generation for Learning and Assessment: Experimental research results, in Computers and Education, Elsevier (SCIE Indexed)
PATENTS	<p>South African Patent on “An Intelligent Automated Novel Security Conveyor Tunnel to Check Medicinal Duplication in Supply Chain Management”</p> <p>Number: 2022/02011</p> <p>Date of Grant: 28-04-2022</p> <p>Date of Expiry: 17-02-2042</p>
OTHER ACTIVITIES	<p><u>Invited Lectures</u></p> <ul style="list-style-type: none"> ▪ Invited Lecture on "Translating Specific Educational, Materials with the Help of Tools" on 22nd March 2025, Department of Education, Shivaji University, Kolhapur, ▪ Online Orientation talk on “Data Science, Machine Learning and AI”, on 16th December 2020, Nawab Shah Alam Khan College of Engineering and Technology, Hyderabad ▪ Lecture on “What, Why, When, Where, How of Academic Publishing and Academic Publishing and Academic Integrity: Tools and Techniques”, to Masters Programs Students and Ph.D. Scholars at Dept. of CS&IT, MANUU, Hyderabad ▪ Guest Lecture on “Future Technologies-Scope” for final year undergraduate students at St. Ann’s College for Women, 12th July 2019, Hyderabad ▪ Guest Lecture on “Artificial Intelligence and its applications” to for final year undergraduate students at St. Ann’s College for Women, 7th February 2019, Hyderabad ▪ Awareness session on “Digital initiatives in Higher Education with emphasis on NPTEL, SWAYAM and other online learning platforms Masters Programs Students and Ph.D. Scholars of Maulana Azad National Urdu University, at Sayyid Hamid Library, MANUU, Hyderabad ▪ Co-Opted member of Criterion 3 committee for NAAC accreditation in the university
ACHIEVEMENTS	<ul style="list-style-type: none"> ▪ Qualified Telangana State Eligibility Test, July 2018 ▪ Qualified UGC-NET in December 2018 and June 2019 ▪ Completed all the 8 modules of the Teacher training course by NITTR-Chandigarh
PROGRAMMING PROFICIENCY	<ul style="list-style-type: none"> ▪ C, C++, Java Enterprise Edition, Python
TOOLS AND PACKAGES	<ul style="list-style-type: none"> ▪ Anaconda, MATLAB ▪ WEKA, Mendeley ▪ JASP

WORKSHOPS/
CONFERENCES/TRAI
NING ATTENDED

- AICTE ATAL FDP on “**Data Science**”, 22-11-2021 to 26-11-2021, organized by Maulana Azad National Urdu University
- AICTE ATAL FDP on “**Augmented Reality and Virtual Reality**”, 09-08-2021 to 13-08-2021, organized by Maulana Azad National Urdu University
- Five-Day Online Workshop on “**Creative Thinking and Academic Writing**”, 01-05 March 2021, organized by Maulana Azad National Urdu University
- 1-week online workshop on “**Action Research**”, 7-11 November 2020, organized by Maulana Azad National Urdu University
- 5-day ATAL Online Faculty Development Programme on “**Data Sciences**”, 26-31 October 2020, organized by Dept. of Computer Science, Aligarh Muslim University
- 5-day online FDP on “**Machine Learning and its Applications using Python**”, June 29 to July 3, organized by Ajay Kumar Garg Engineering College-MCA Ghaziabad
- 1-week FDP on “**Quality Assurance in Higher Education Institutions: Revised NAAC Framework**”, 9-15 June 2020, organized by IQAC, School of Management Sciences, Varanasi, Webinar
- AICTE ATAL FDP on “**Data Analytics Present & Future**”, 11-15 May 2020, organized by NIT Nagaland, Webinar
- DRDO sponsored FDP on “**Cyber Security and Forensic**”, 17-18 February 2020, organized by Dept. of CS&IT, MANUU, Hyderabad
- 1-week FDP on “**Computational Intelligence: Techniques, Tools & Applications**”, 06-11 January 2020 MJCET, Hyderabad
- AICTE ATAL FDP on “**Artificial Intelligence**”, 16-20 December 2019, MANUU, Hyderabad
- 1-week workshop on “**ICT Applications for Research**”, 10-16 May 2018, MANUU, Hyderabad
- 1-week workshop on “**Research Methodology**”, 23-29 March 2018, MANUU, Hyderabad
- 1-week FDP on “**Big Data Analytics and Deep Learning**”, 3-8 January 2018, MJCET, Hyderabad
- 1-Day Workshop on “**Current Trends in Data Analytics**”, 15th December 2017, JNTU, Hyderabad
- GIAN course on “**Diffusion in Social and Information Networks: Problems, Models and Machine Learning Methods**”, 11-14 December 2017, IIT, Hyderabad
- 3-Day Workshop on “**Online Teaching, Learning and Assessment with Open Educational Resources, Education Technology Tools and Moodle MOOC Platform Programme Production**” 27-29 November 2017, MANUU, Hyderabad
- 1-Day Workshop on “**Plagiarism and Referencing**”, 27th April 2017, MANUU, Hyderabad
- 2-Day Workshop on “**Cyber Security and Malware Analysis-Level I**”, Organized by Dept. of CS&IT, MANUU Hyderabad

PROFESSIONAL
MEMBERSHIPS

- Student Member, IEEE since January 2019, ID: **93934024**
- ACM Member, Membership No: 6377698

MERITS/AWARDS/
SCHOLARSHIPS

- Merit certificate by school for first in Computer Science, Environmental Science and Equal first in English in ISC Examination 2008
 - First in the College in B.Tech. Programme for the batch of 2008-2012
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	<ul style="list-style-type: none"> ▪ First in the College in M.Tech. Programme for the batch 2012-2014 ▪ Awarded the MANF fellowship since 2017 ▪ Received 2nd Prize in Essay Writing competition during Azad Day Celebrations November 5 to 15, 2018 ▪ Received 3rd Prize in Essay Writing competition during Azad Day Celebrations November 3 to 12, 2017 																
HOBBIES	<ul style="list-style-type: none"> ▪ Reading books (fiction, non-fiction and technical) ▪ Following technological news ▪ Reading and writing poetry ▪ Playing online games ▪ Blogging ▪ Volunteering and community involvement 																
PROFESSIONAL MEMBERSHIPS	<ul style="list-style-type: none"> ▪ Student Member, IEEE since January 2019, ID: 93934024 ▪ ACM Member, Membership No: 6377698 																
PERSONAL DETAILS	<table> <tr> <td>Father's Name</td><td>: Khaja Rasheed Uddin</td></tr> <tr> <td>Date of Birth</td><td>: 22nd October 1990</td></tr> <tr> <td>Gender</td><td>: Female</td></tr> <tr> <td>Marital Status</td><td>: Unmarried</td></tr> <tr> <td>Nationality</td><td>: Indian</td></tr> <tr> <td>Language Known</td><td>: English, Hindi, Urdu</td></tr> <tr> <td>ORCID</td><td>: https://orcid.org/0000-0002-0996-9921</td></tr> <tr> <td>Scopus ID</td><td>: 57204767702</td></tr> </table>	Father's Name	: Khaja Rasheed Uddin	Date of Birth	: 22 nd October 1990	Gender	: Female	Marital Status	: Unmarried	Nationality	: Indian	Language Known	: English, Hindi, Urdu	ORCID	: https://orcid.org/0000-0002-0996-9921	Scopus ID	: 57204767702
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[Last update on: 06th July 2022]

(Dr. Fareeha Rasheed)

Date: 06th July 2022

Place: Hyderabad